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Art Unit: \*\*\*

1. (Original) Method of detecting the orientation of a radiographic image represented by a digital signal representation characterised in that mathematical moments of said digital signal representation relative to different reference entities are calculated and that a decision on the orientation of said radiographic image is obtained on the basis of an extreme value (maximum, minimum) of the calculated moment(s).
2. (Original) A method according to claim 1 wherein said moment is a cartesian moment which moment weights the digital signal representation by a function of at least one spatial coordinate x or y.
3. (Original) A method according to claim 2 wherein said moment is calculated with respect to a cartesian co-ordinate system the axes of which are substantially parallel to the boundaries of said image.
4. (Original) A method according to claim 1 wherein said moments are two-dimensional moments.
5. (Original) A method according to claim 1 wherein said moments are one-dimensional moments obtained by projecting the digital signal representation of said image onto a predefined axis.
6. (Original) A method according to claim 5 wherein said axis is parallel to one of the boundaries of said image.
7. (Original) A method according to claim 1 wherein a moment is generated with respect to at least one predefined point.

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8. (Original) A method according to claim 1 wherein said digital signal representation is a function of at least one derivative of an original digital signal representation.

9. (Original) A method according to claim 8 wherein said derivative is the first order edge gradient.

10. (Original) A method according to claim 1 wherein collimation area are excluded from said digital signal representation.

11. (Original) A method according to claim 1 wherein direct exposure area are excluded from said digital signal representation.

12. (Original) A method of orienting an object in an image represented by a digital signal representation into a desired orientation comprising the steps of  
- deriving orientation of said object relative to a reference entity,  
- subjecting the digital signal representation of said object to an orientation modifying geometric transformation to yield said desired orientation.

13. (Original) A method according to claim 12 wherein said orientation is obtained according to claim 1.

14. (Currently Amended) A computer program product adapted to carry out the method of ~~any of the preceding claims~~ claim 1 when run on a computer.

15. (Currently Amended) A computer readable medium comprising computer executable program code adapted to carry out the steps of ~~any of the preceding claims~~ claim 1.

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16. (New) A computer program product adapted to carry out the method of claim 2 when run on a computer.

17. (New) A computer program product adapted to carry out the method of claim 3 when run on a computer.

18. (New) A computer program product adapted to carry out the method of claim 4 when run on a computer.

19. (New) A computer program product adapted to carry out the method of claim 5 when run on a computer.

20. (New) A computer program product adapted to carry out the method of claim 6 when run on a computer.

21. (New) A computer program product adapted to carry out the method of claim 7 when run on a computer.

22. (New) A computer program product adapted to carry out the method of claim 8 when run on a computer.

23. (New) A computer program product adapted to carry out the method of claim 9 when run on a computer.

24. (New) A computer program product adapted to carry out the method of claim 10 when run on a computer.

25. (New) A computer program product adapted to carry out the method of claim 11 when run on a computer.

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26. (New) A computer program product adapted to carry out the method of claim 12 when run on a computer.

27. (New) A computer program product adapted to carry out the method of claim 13 when run on a computer.

28. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 2.

29. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 3.

30. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 4.

31. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 5.

32. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 6.

33. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 7.

34. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 8.

35. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 9.

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36. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 10.

37. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 11.

38. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 12.

39. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 13.

40. (New) A computer readable medium comprising computer executable program code adapted to carry out the steps of claim 14.